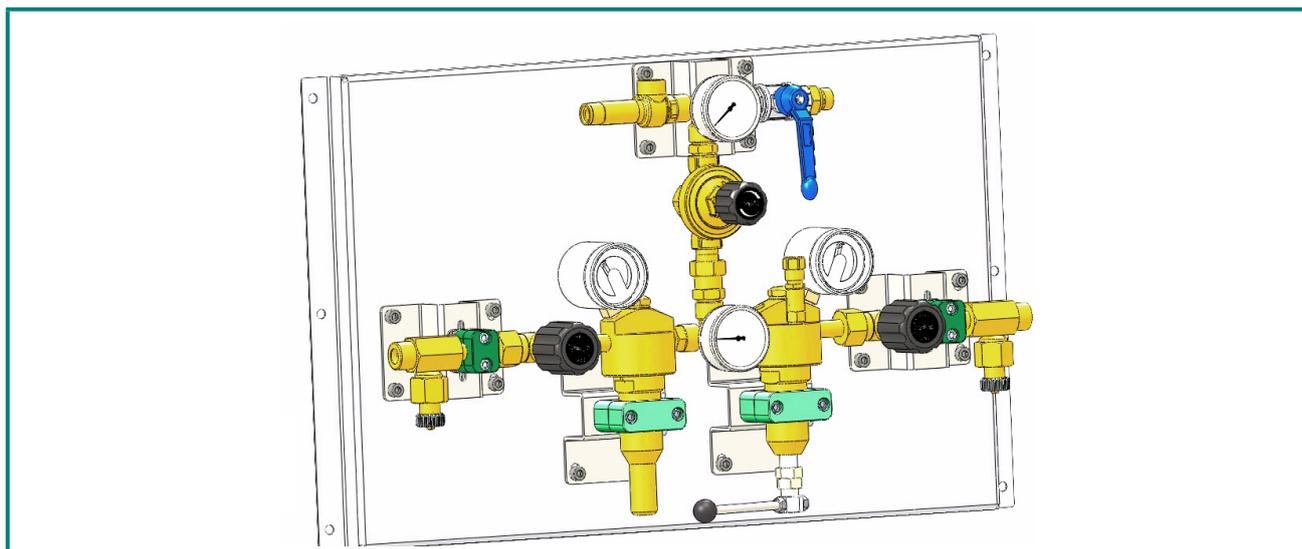


# Pressure Controlling Station ZD60/PR7

- 2x1 cylinder (Bundle) single or multi-stage pressure controlling station with a self-acting switch



## Description:

The pressure controlling station ZD60/PR7 is a single or dual-stage pressure controlling station with a self-acting switch.

It's main purpose is the ensured withdrawal of gases and gas mixtures from gas cylinders. The self-acting function of a two-stage station is activated as soon as the pressure on the primary stage descends below a preset value.

The pressure reduction is controlled by two integrated pressure control regulators connected by exhausts. This enables an exchange of gas cylinders without an interruption of gas supply.

The station is mounted on brackets and possesses an inlet and an outlet gauge as well as an exhaust and a cut-off valve for the process gas.

## Application:

Especially for gases with safety and impermeability requirements, as well as for the assurance of an uninterrupted gas supply overnight and during the weekends. An enhancement of the gas supplying concept is achieved by an optional integration of a gauge and a gas leakage warning device.

## Technical specification:

|                                |  |
|--------------------------------|--|
| <b>Body:</b>                   | brass                                      |
| <b>Seat:</b>                   | polyamid                                   |
| <b>Diaphragm:</b>              | 1.4301                                     |
| <b>Max. inlet pressure:</b>    | 300 bar                                    |
| <b>Outlet pressure ranges:</b> | 2-stage 6-16 bar<br>single stage 10-30 bar |
| <b>Operating temp.:</b>        | 20°C bis +60°C                             |
| <b>Gauges</b>                  | safety version<br>EN 837-1 KL 1,6          |
| <b>Size (WxHxD):</b>           | 760x450x184                                |
| <b>Thread:</b>                 | ES: G 3/4" DIN 477                         |

## Hornung Quality standard

The company Hornung is certified to **DIN EN ISO 9001 and ISO 14001:2009.**

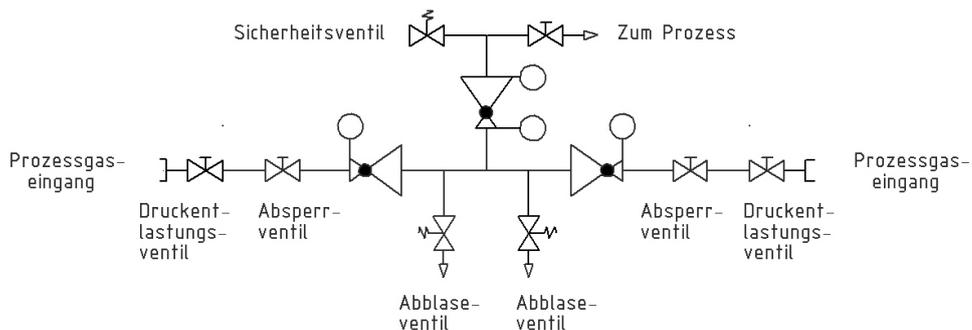
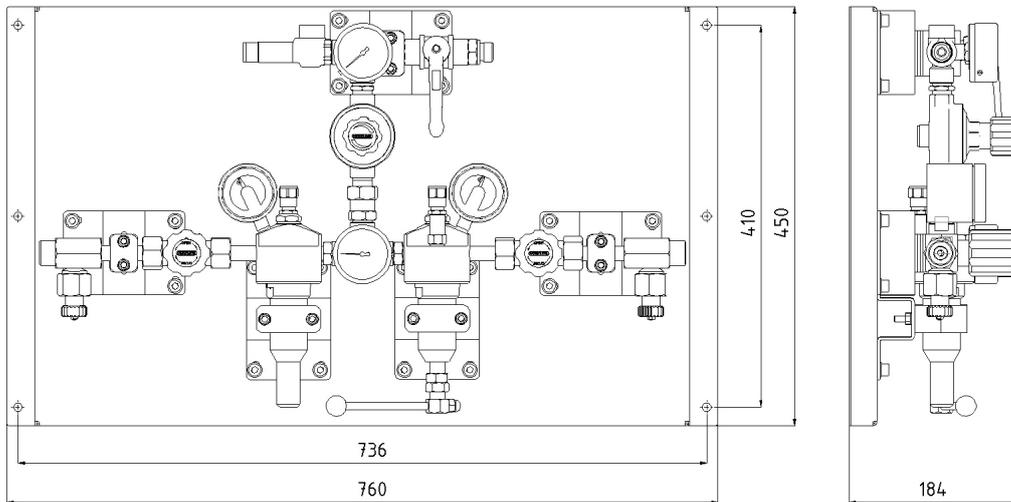
All single parts are manufactured, assembled and tested in house.

The finished parts are therefore under the criteria of our exact quality control with 100% final control.

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#### Accessories:

See chapter in the general catalogue

7. Connecting hose 200bar  
Connecting hose 300bar  
Gauge, Inductive gauge,  
Threaded joint, Cylinder mounts and  
accessories

The composition can be equipped with a CE  
labelled safety valve.

Other design options of the pressure  
regulating station on request.

#### Ordering Information:

##### Inlet pressure p1:

- 1 = 200 bar
- 2 = 300 bar

##### Outlet pressure p2:

- 1 = 6 bar
- 2 = 10 bar
- 3 = 16 bar

##### Stages:

- 1 = single stage
- 2 = dual-stage
- 3 = 30 bar (single stage)

##### Gauge:

- 1 = standardized gauge
- 2 = inductive gauge

|             |          |          |          |          |                 |
|-------------|----------|----------|----------|----------|-----------------|
| <b>47 -</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>2</b> | <b>Gas type</b> |
| Type        | p1       | p2       | Stage    | Gauge    | Gas type        |

#### Accessories:

High pressure manifold: see data sheet "High pressure manifold"

#### Notice:

See further data sheet: "Cylinder manifold station" and "bundle manifold station"

